



State of New Jersey
DEPARTMENT OF TRANSPORTATION

THOMAS M. DOWNS
COMMISSIONER

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TRENTON, NEW JERSEY 08625-0600

IN REPLY PLEASE REFER TO
SAW AND SEAL JOINTS
Bituminous Concrete
Overlay
92073 IDU

November 24, 1992

MEMORANDUM

In-House Design Units

Subject: Revision to the 1989 Standard Specifications,
GET FILE 40423 SAWSEAL
SAW AND SEAL JOINTS
Bituminous Concrete Overlay

GET FILE 40423 SAWSEAL to the Standard Input to the Supplementary Specifications is changed to provide an option for the contractor to use wet or dry saw cutting and allows two passes for the T-shaped saw cut. Both methods must produce a uniformly smooth edge with minimum spalling.

GET FILE 40423 SAWSEAL is changed as follows:

The following sentences shall replace the first sentence under
EQUIPMENT - SAWS:

SAWING EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF
SUBSECTION 405.03 EXCEPT THAT DRY DIAMOND EDGE BLADES OR ABRASIVE
WHEELS SHALL BE PERMITTED PROVIDING THAT THE SAW CUT DOES NOT
RESULT IN EXCESSIVE SPALLING AT THE SAWED EDGES. DRY SAWS SHALL
BE EQUIPPED WITH AN APPROVED DUST COLLECTION SYSTEM TO PREVENT
AIRBORNE RESIDUE FROM ESCAPING IN THE ATMOSPHERE. THE WET SAWING
OPERATION SHALL PROVIDE A MEANS FOR REMOVING THE WET SLURRY FROM
THE PAVEMENT AND JOINT WALL.

The following sentence shall be added at the end of the first paragraph
under SAWS:

WHEN APPROVED, THE T-SHAPED CUT SHALL BE MADE IN TWO STAGES.
WHEN THE TWO STAGE SYSTEM IS PERMITTED, THE SECOND SAWCUT (TO
COMPLETE THE SPECIFIED JOINT SHAPE) SHALL BE MADE ON THE SAME WORK
DAY AS THE FIRST CUT.

Lines 2155, 2156 and 2157 of SI89 ROAD5 ARE CHANGED TO:

H USE FOR PROJECTS WITH SAW AND SEAL JOINTS (ADU 051589)
H....G 40423 SAW SEAL (IDU 112492) (APC 051689) (ADU 121490)
H CHECK FOR TEXT TO BE INCLUDED IN SPRUF () MASTERS ()

Memorandum

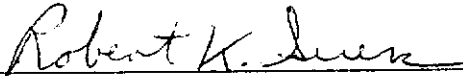
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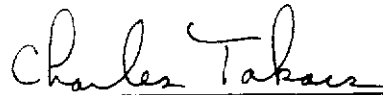
The above text changes to the GET FILE 40423 shall be incorporated upon issuance of this Memorandum. Hence, no changes will be necessary for any GET FILE 40423 requests made after the issue date of this Memorandum.

RECOMMENDED BY:

CONCURRED BY:



Robert K. Suess
Chief, Bureau of Roadway
Plans and Specifications



Charles Takacs
Director of Roadway Design
(Chief Engineer of Roadway Design)

Implementation Code C

CT:RKS:MDC:mb

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